

Sub
2 1. A method of inputting data using a touch screen, the
method comprising:

3 detecting an object touching the touch screen;
4 detecting the location of the object on the touch
5 screen;

6 detecting when the object is no longer touching the
7 touch screen and measuring a time duration from the time of
8 detection of the object first touching the touch screen until the
9 time of detection of the object no longer touching the touch
10 screen; and

11 determining inputted data based on the detected
12 location of the object on the touch screen and the measured time
13 duration.

1 2. The method of claim 1, wherein detecting the location
2 of the object on the touch screen comprises detecting x and y
3 coordinates of a point of contact of the object on the touch
4 screen.

1 3. The method of claim 2, wherein the x and y coordinates
2 correspond to a particular file location.

1 4. The method of claim 1, wherein detecting that the
2 object is touching the touch screen comprises detecting a

1 pressure of the object on the touch screen being greater than a
2 predetermined value.

1 5. The method of claim 1, wherein detecting when the
2 object is no longer touching the touch screen comprises detecting
3 a pressure of the object on the touch screen being less than a
4 predetermined value.

1 6. The method of claim 1, wherein measuring the time
2 duration comprises determining whether or not the time duration
3 is greater than a predetermined value.

1 7. The method of claim 1, wherein measuring the time
2 duration comprises determining whether the time duration is less
3 than or equal to a first predetermined value or greater than the
4 first predetermined value and less than or equal to a second
5 predetermined value or greater than the second predetermined
6 value.

1 8. The method of claim 1, wherein measuring the time
2 duration comprises determining which of a predetermined plurality
3 of time duration ranges the measured time duration is within.

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1 9. ~~An apparatus for inputting data using a touch screen,~~
2 ~~the apparatus comprising:~~

1 a touch detector for detecting an object touching the
2 touch screen;

3 a location detector for detecting the location of the
4 object on the touch screen;

5 another touch detector for detecting when the object
6 is no longer touching the touch screen and a time duration
7 measuring unit for measuring a time duration from the time of
8 detection of the object first touching the touch screen until the
9 time of detection of the object no longer touching the touch
10 screen; and

11 a data determination unit for determining inputted data
12 based on the detected location of the object on the touch screen
13 and the measured time duration.

1 **10.** The apparatus of claim 9, wherein the location detector
2 detects the location of the object on the touch screen by
3 detecting x and y coordinates of a point of contact of the object
4 on the touch screen.

1 **11.** The apparatus of claim 10, wherein the x and y
2 coordinates correspond to a particular file location.

1 **12.** The apparatus of claim 9, wherein the touch detector
2 detects that the object is touching the touch screen by detecting

1 a pressure of the object on the touch screen being greater than
2 a predetermined value.

1 13. The apparatus of claim 9, wherein the another detector
2 detects when the object is no longer touching the touch screen
3 by detecting a pressure of the object on the touch screen being
4 less than a predetermined value.

1 14. The apparatus of claim 9, wherein the measuring unit
2 measures the time duration by determining whether or not the time
3 duration is greater than a predetermined value.

1 15. The apparatus of claim 9, wherein the measuring unit
2 measures the time duration by determining whether the time
3 duration is less than or equal to a first predetermined value or
4 greater than the first predetermined value and less than or equal
5 to a second predetermined value or greater than the second
6 predetermined value.

1 16. The apparatus of claim 9, wherein the measuring unit
2 measures the time duration by determining which of a
3 predetermined plurality of time duration ranges the measured time
4 duration is within.

1 17. The method of claim 1, wherein detecting the object
2 touching the touch screen comprises detecting one of a finger or
3 a stylus or a pointed object touching the touch screen.

1 18. The apparatus of claim 9, wherein the object comprises
2 one of a finger or a stylus or a pointed object.

Sub B3
19. A method of selecting a particular function on an
2 electronic device having a touch screen, the method comprising:
3 detecting an object touching the touch screen;
4 detecting the location of the object on the touch
5 screen;
6 detecting when the object is no longer touching the
7 touch screen and measuring a time duration from the time of
8 detection of the object first touching the touch screen until the
9 time of detection of the object no longer touching the touch
10 screen; and
11 determining the particular function of the electronic
12 device based on the detected location of the object on the touch
13 screen and the measured time duration.

1 20. The method of claim 19, wherein detecting the location
2 of the object on the touch screen comprises detecting x and y
3 coordinates of a point of contact of the object on the touch
4 screen.

1 **21.** The method of claim **20**, wherein the x and y coordinates
2 correspond to a particular file location.

1 **22.** The method of claim **19**, wherein detecting that the
2 object is touching the touch screen comprises detecting a
3 pressure of the object on the touch screen being greater than a
4 predetermined value.

1 **23.** The method of claim **19**, wherein detecting when the
2 object is no longer touching the touch screen comprises detecting
3 a pressure of the object on the touch screen being less than a
4 predetermined value.

1 **24.** The method of claim **19**, wherein measuring the time
2 duration comprises determining whether or not the time duration
3 is greater than a predetermined value.

1 **25.** The method of claim **19**, wherein measuring the time
2 duration comprises determining whether the time duration is less
3 than or equal to a first predetermined value or greater than the
4 first predetermined value and less than or equal to a second
5 predetermined value or greater than the second predetermined
6 value.

1 26. The method of claim 19, wherein measuring the time
2 duration comprises determining which of a predetermined plurality
3 of time duration ranges the measured time duration is within.

1 27. The method of claim 19, wherein detecting the object
2 touching the touch screen comprises detecting one of a finger or
3 a stylus or a pointed object touching the touch screen.

Sub B4
1 28. ~~An electronic device having an apparatus for selecting~~
2 a particular function of the electronic device using a touch
3 screen, the apparatus comprising:

4 a touch detector for detecting an object touching the
5 touch screen;

6 a location detector for detecting the location of the
7 object on the touch screen;

8 another touch detector for detecting when the object
9 is no longer touching the touch screen and a time duration
10 measuring unit for measuring a time duration from the time of
11 detection of the object first touching the touch screen until the
12 time of detection of the object no longer touching the touch
13 screen; and

14 a data determination unit for determining the
15 particular selected function based on the detected location of
16 ~~the object on the touch screen and the measured time duration.~~

1 **29.** The apparatus of claim **28**, wherein the location
2 detector detects the location of the object on the touch screen
3 by detecting x and y coordinates of a point of contact of the
4 object on the touch screen.

1 **30.** The apparatus of claim **29**, wherein the x and y
2 coordinates correspond to a particular file location.

1 **31.** The apparatus of claim **28**, wherein the touch detector
2 detects that the object is touching the touch screen by detecting
3 a pressure of the object on the touch screen being greater than
4 a predetermined value.

1 **32.** The apparatus of claim **28**, wherein the another detector
2 detects when the object is no longer touching the touch screen
3 by detecting a pressure of the object on the touch screen being
4 less than a predetermined value.

1 **33.** The apparatus of claim **28**, wherein the measuring unit
2 measures the time duration by determining whether or not the time
3 duration is greater than a predetermined value.

1 **34.** The apparatus of claim **28**, wherein the measuring unit
2 measures the time duration by determining whether the time
3 duration is less than or equal to a first predetermined value or

1 greater than the first predetermined value and less than or equal
2 to a second predetermined value or greater than the second
3 predetermined value.

1 35. The apparatus of claim 28, wherein the measuring unit
2 measures the time duration by determining which of a
3 predetermined plurality of time duration ranges the measured time
4 duration is within.

1 36. The apparatus of claim 28, wherein the object comprises
2 one of a finger or a stylus or a pointed object.

1 37. The apparatus of claim 9, wherein the input terminal
2 is a wireless terminal to receive configuration information from
3 a server.

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38. ~~The apparatus of claim 37, wherein the server receives~~
terminal configuration information from a configuration tool
manager of a management server.

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